

RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Elena BABIYCHUK; Sergei KUSHNIR; and Marc De BLOCK

Additional name(s) of conveying party(ies) attached? ___ Yes X No

2. Name and address of receiving party(ies):

Name: PLANT GENETIC SYSTEMS N.V.

Address: Jozef Plateaustaat 22, B-9000 Gent, BELGIUM

Additional name(s) & addresses(es) attached? ___ Yes X No

3. Name of Conveyance:

X Assignment

___ Merger

___ Security Agreement

___ Change of Name

___ Other

Execution Date: September 22, 1998; September 22, 1998; and August 20, 1998, respectively.

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A: Patent Application No. 09/118,276

Additional numbers attached? ___ Yes ___ No X

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: SIXBEY, FRIEDMAN, LEEDOM & FERGUSON

Street Address: 8180 Greensboro Drive, Suite 800

City: McLean State: Virginia ZIP 22102

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):\$ 40.00

X Enclosed

___ Authorized to be charged to deposit account

8. Deposit Account Number: _____

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Robert M. Schulman
Name of Person Signing

Robert M. Schulman
Signature

12/11/98
Date

Total number of pages comprising cover sheet, attachments and document: 3

SIXBEY, FRIEDMAN, LEEDOM & FERGUSON, P.C.
United States Patent Rights

Attorney Docket No. 6201-3

ASSIGNMENT

WHEREAS, Elena Babiychuk, Sergei Kushnir, and Marc De Block (hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in METHODS AND MEANS TO MODULATE PROGRAMMED CELL DEATH IN EUKARYOTIC CELLS for which an application for Letters Patent of the United States of America was filed on July 17, 1998, and assigned Serial No. 09/118,276, and;

WHEREAS, Plant Genetic Systems N.V. of Jozef Plateastraat 22, B-9000 Gent, Belgium, its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America and its territories and for all foreign countries, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America and its territories, dependencies and possessions, and in and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or any continuation, division or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims under or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

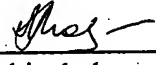
The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein

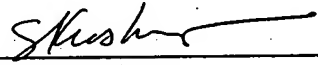
hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.


The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Sixbey, Friedman, Leedom & Ferguson, P.C. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

In witness thereof, this Assignment has been executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 12.9.98, Name of Inventor  (SEAL)
Elena Babychuk

Date 22.07.98, Name of Inventor  (SEAL)
Sergei Kushnir

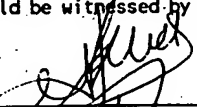
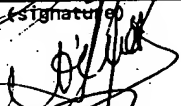
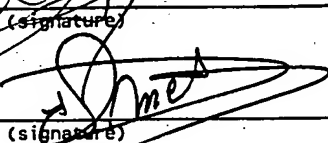
Date 20/08/98, Name of Inventor  (SEAL)
Marc De Block

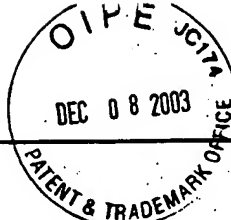
(This assignment should preferably be acknowledged before a United States Consul or Notary Public. If not, then the execution by the Inventor(s) should be witnessed by at least two other persons who should sign here.)

Witness HERMIE DIANE
(name)

Witness HERMIE DIANE
(name)

Witness DE SMET ELS
(name)


(signature)

(signature)

(signature)

**RECORDATION FORM COVER SHEET
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To the Director of the United States Patent and Trademark Office: Please record the attached original document(s) or copy(ies) thereof.

1. Name of Conveying Party(ies):

Name: **PLANT GENETIC SYSTEMS N.V.**
Address: **9000 Gent**
Plateaustraat 22
Country: **BELGIUM**

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and Address of Party(ies) receiving an interest (assignee(s)):

Name: **AVENTIS CROPS SCIENCE N.V.**
Address: **9000 Gent**
Plateaustraat 22
Country: **BELGIUM**

Additional name(s) and address(es) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

☐ Assignment ☐ Merger ☒ Change of Name
☐ Verified Translation ☐ Security Agreement ☒ Other: **Reel 9654 Frame 0529**

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date(s) of the application is:

A. Patent Application No(s): B. Patent No(s):

09/118,276

Others on additional sheet(s) attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Robert M. Schulman
Intellectual Property Department
Hunton & Williams
1900 K Street, N.W.
Suite 1200
Washington, DC 20006-1109
(202) 955-1500 (telephone)
(202) 778-2201 (facsimile)

6. Total number of applications and patents involved:

Application(s): 1
+ Patent(s): 0
= Total: 1

7. Total Fee (37 C.F.R. § 3.41) \$ **\$40.00**

☐ Enclosed
☒ Authorized to be charged to Deposit Account

8. Deposit Account No.: 50-0206

(Duplicate copy of this sheet attached)
☒ Charge any underpayment or credit any overpayment to above Deposit Account

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9. Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Jeffrey T. Perez
Name of Person Signing
Reg. No. 52,110


Signature

November 12, 2003

Date

Total number of pages including cover sheet, attachments, and document:

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BERQUIN / OCKERMAN / DECKERS / SPRUYT
VAN DER VORST

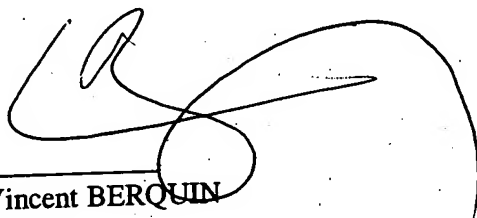
GEASSOCIEERDE NOTARISSEN

DENIS DECKERS
CARL OCKERMAN
BENEDIKT VAN DER VORST
ERIC SPRUYT
VINCENT BERQUIN

CERTIFICATE

I, the undersigned Mr. Vincent BERQUIN, Notary at Brussels (Belgium), hereby certify that by notarial deed executed on December 14th, 1999, before me the extraordinary shareholders meeting of the limited liability company (naamloze vennootschap, abbreviated as "N.V.") "PLANT GENETIC SYSTEMS", with registered office at 9000 Gent, Jozef Plateaustraat 22 (Belgium), has decided to change the name of the company in "Aventis CropScience" as from the 1st of January 2000. The company "Aventis CropScience" is a limited liability company (naamloze vennootschap, abbreviated as "N.V."). Thus, as from the above-mentioned date, the company identified as PLANT GENETIC SYSTEMS N.V. has changed to Aventis CropScience N.V.

Drawn up in Brussels, February the 7th



Vincent BERQUIN
Notary



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1. Name of Conveying Party(ies):

Name: **AVENTIS CROPSCIENCE N.V.**
Address: **9000 Gent**
Plateaustaat 22
Country: **BELGIUM**

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and Address of Party(ies) receiving an interest (assignee(s)):

Name: **BAYER CROPSCIENCE N.V.**
Address: **B-9000 Gent**
Jozef Plateaustaat 22
Country: **BELGIUM**

Additional name(s) and address(es) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

☐ Assignment
☐ Verified Translation☐ Merger
☐ Security Agreement☒ Change of Name
☒ Other: **Reel 9654 Frame 0529**

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A. Patent Application No(s):**09/118,276**B. Patent No(s):Others on additional sheet(s) attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Robert M. Schulman
Intellectual Property Department
Hunton & Williams
1900 K Street, N.W.
Suite 1200
Washington, DC 20006-1109
(202) 955-1500 (telephone)
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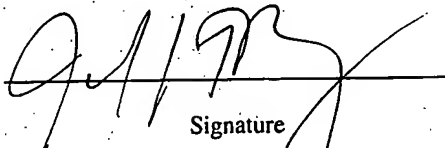
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9. Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Jeffrey T. Perez

Name of Person Signing
Reg. No. 52,110


Signature

November 12, 2003

Date

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BERQUIN / OCKERMAN / DECKERS / SPRUYT
VAN DER VORST

GEASSOCIEERDE NOTARISSEN
BURGERLIJKE CVBA RBV-BRUSSEL N° 4859

DENIS DECKERS BURG. BVBA - RBV-BRUSSEL N° 3337

CARL OCKERMAN

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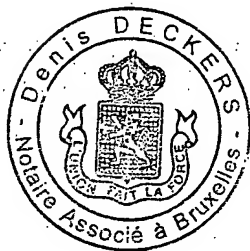
VINCENT BERQUIN

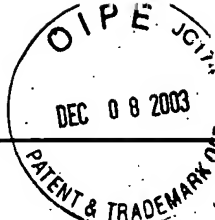
CERTIFICATE

I, the undersigned **Denis Deckers**, Associated Notary Public, partner of the civil company having assumed the form of a cooperative company with limited liability "**Berquin, Ockerman, Deckers, Spruyt & van der Vorst, Associated Notaries Public**", having its registered office at 1000 Brussels, Lloyd Georgelaan, 11, registered with the civil company register at Brussels under number 4859, hereby certify that by notarial deed executed on June 10th, 2002, before me the extraordinary shareholders meeting of the limited liability company (naamloze vennootschap, abbreviated as "NV") "**Aventis CropScience**" (formerly "**PLANT GENETIC SYSTEMS**"), with registered office at B-9000 Gent, Jozef Plateaustraat 22 (Belgium), has decided to change the name of the company in "**Bayer CropScience**" as from the 11th of June 2002. The company "**Bayer CropScience**" is a limited liability company (naamloze vennootschap, abbreviated as "NV"). Thus, as from the above-mentioned date, the company identified as **Aventis CropScience N.V.** (formerly **Plant Genetic Systems N.V.**) has changed to **Bayer CropScience N.V.**

Drawn up in Brussels, June 10th 2002.

Denis Deckers
Associated Notary Public



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Address: **B-9000 Gent**
Jozef Plateaustraat 22
Country: **BELGIUM**

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and Address of Party(ies) receiving an interest (assignee(s)):

Name: **BAYER BIOSCIENCE N.V.**
Address: **B-9000 Gent**
Jozef Plateaustraat 22
Country: **BELGIUM**

Additional name(s) and address(es) attached? ☐ Yes ☒ No

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Jeffrey T. Perez
Name of Person Signing
Reg. No. 52,110


SignatureNovember 12, 2003

Date

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VINCENT BERQUIN

CERTIFICATE

I, the undersigned **Eric SPRUYT**, Associated Notary Public, partner of the civil company having assumed the form of a cooperative company with limited liability "Berquin, Ockerman, Deckers, Spruyt & van der Vorst, Associated Notaries Public", having its registered office at 1000 Brussels, Lloyd-Georgelaan, 11, registered with the civil company register at Brussels under number 4859, hereby certify that by notarial deed executed on July 9th, 2002, before me the extraordinary shareholders meeting of the limited liability company (naamloze vennootschap, abbreviated as "NV") "**Bayer CropScience**" (formerly "**Plant Genetic Systems**" and there after "**Aventis CropScience**"), with registered office at B-9000 Gent, Jozef Plateaustraat 22 (Belgium), has decided to change the name of the company in "**Bayer BioScience**" as from the 12th of August 2002. The company "**Bayer BioScience**" is a limited liability company (naamloze vennootschap, abbreviated as "NV"). Thus, as from the above-mentioned date, the company identified as **Bayer CropScience NV** (formerly **Plant Genetic Systems NV** and there after **Aventis CropScience NV**) has changed to **Bayer BioScience NV**.

Drawn up in Brussels, July 9th 2002.

Eric Spruyt
Associated Notary Public

